



ABSTRACT OF THE DISCLOSURE

A Tripod type constant velocity joint comprising has a hollow cylindrical housing fixed to the end of a first rotary shaft and ~~formed at the inner peripheral surface thereof with~~ has axially extending recessed grooves opened at one axial end and located at circumferentially trisectional positions on the an inner peripheral surface~~[[,]]~~. A tripod ~~consisting of~~ has a boss fixed to the end of a second shaft~~[[,]]~~ and with end-spherical trunnion journals radially projecting from circumferentially trisectional positions on the boss~~[[,]]~~ a roller. Roller assemblies each ~~consisting of~~ have an inner roller swingably fitted at the inner peripheral on the spherical surface thereof ~~on of the spherical outer peripheral surface of the trunnion journal~~~~[[,]]~~ and an outer roller supported for rotation and axial movement on the ~~outer peripheral surface of the inner roller through needle rollers, wherein the~~. The outer rollers are received in the recessed grooves in the housing and are rollable axially of the housing~~[[,]]~~ each. Each recessed groove ~~consists of~~ has guide surfaces contacting the outer peripheral surface of the outer roller and ~~subjected to loads, and~~. Guide shoulder surfaces for ~~guiding~~ guide the outer roller axially of the housing, and ~~only the side of the outer diameter of said boss associated with the end of the second rotary shaft is heavily chamfered. A relief is locally formed along a forged parting line of the trunnion journal. The root of the tripod journal is of non-circular cross section in which the diameter as measured circumferentially of the joint is larger than the diameter as measured axially of the joint.~~